

1           **ABSTRACT**

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3           An implantable cardiac therapy device is constructed with a housing that  
4       defines first and second chambers. The first chamber holds cardiac therapy  
5       circuitry, such as sensing and/or stimulation circuitry. The second chamber holds  
6       high-frequency circuitry that transmits and receives high-frequency signals used in  
7       communication with external devices. The dual-chamber housing allows the  
8       implantable cardiac therapy device to handle high-frequency signals in an isolated  
9       environment, thereby enabling longer range telemetry, without interfering with the  
10      cardiac therapy circuitry. The implantable cardiac therapy device can be linked to  
11      a cardiac network of knowledge workers that evaluate the data generated by the  
12      device and provide instructions to remotely program the device.

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